Data Analysis with Python

Cheat Sheet: Data Wrangling

Package/Method	Description	Code Example
Replace missing data with frequency	Replace the missing values of the data set attribute with the mode common occurring entry in the column.	NostfrequentStry = df['stribute_nase'].value_counts().idnas() df['attribute_nase').replace(mp.asm,NostfrequentStry,implace=true)
Replace missing data with mean	Replace the missing values of the data set attribute with the mean of all the entries in the column.	AverageValoredf('attribute_name').intype('data_type).mean(mis=0) df('attribute_name').replace(up.nam., AverageValow, tuplace=trum)
Fix the data types	Fix the data types of the columns in the dataframe.	<pre>df[['stribet_jeam', 'stribet_jeam',]] * df[['stribet_jeam', 'stribet_jeam',]] * stribet_jeam', but, but, but, but, distribet_jeam', but, but, but, distribet_jeam', dis</pre>
Data Normalization	Normalize the data in a column such that the values are restricted between 0 and 1.	<pre>6f('attribute_name') * 6f('attribute_name'), * f('attribute_name'), * f(f('attribute_name'), * f('attribute_name'), * f(f('attribute_name'), * f('attribute_name'), * f('attrib</pre>
Rissing	Create bins of data for better analysis and visualization.	hims - op_linspace(sin(dff(stribut_mass")),
Change column name	Change the label name of a dataframe column.	df.rename(columns=('old_name':\'new_name'), inplace=True)
Indicator Variables	Create indicator variables for categorical data.	<pre>downy_variable = pd.ppt_domnles(df('attribute_name')) df = pd.concat([df, downy_variable], xxis = 1)</pre>



